

4.2.E. 0603000209.

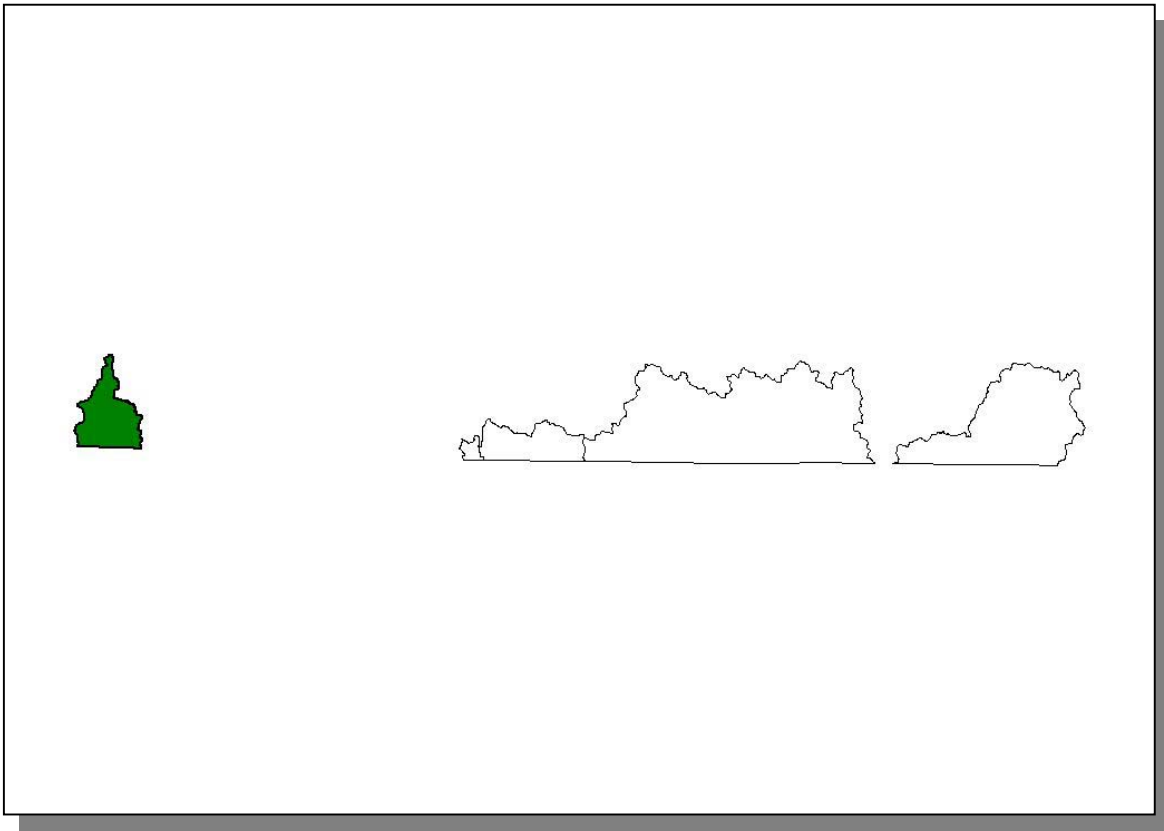


Figure 4-26. Location of Tennessee Portion of Subwatershed 0603000209. All Wheeler Lake HUC-10 subwatershed boundaries are shown for reference.

4.2.E.i. General Description.

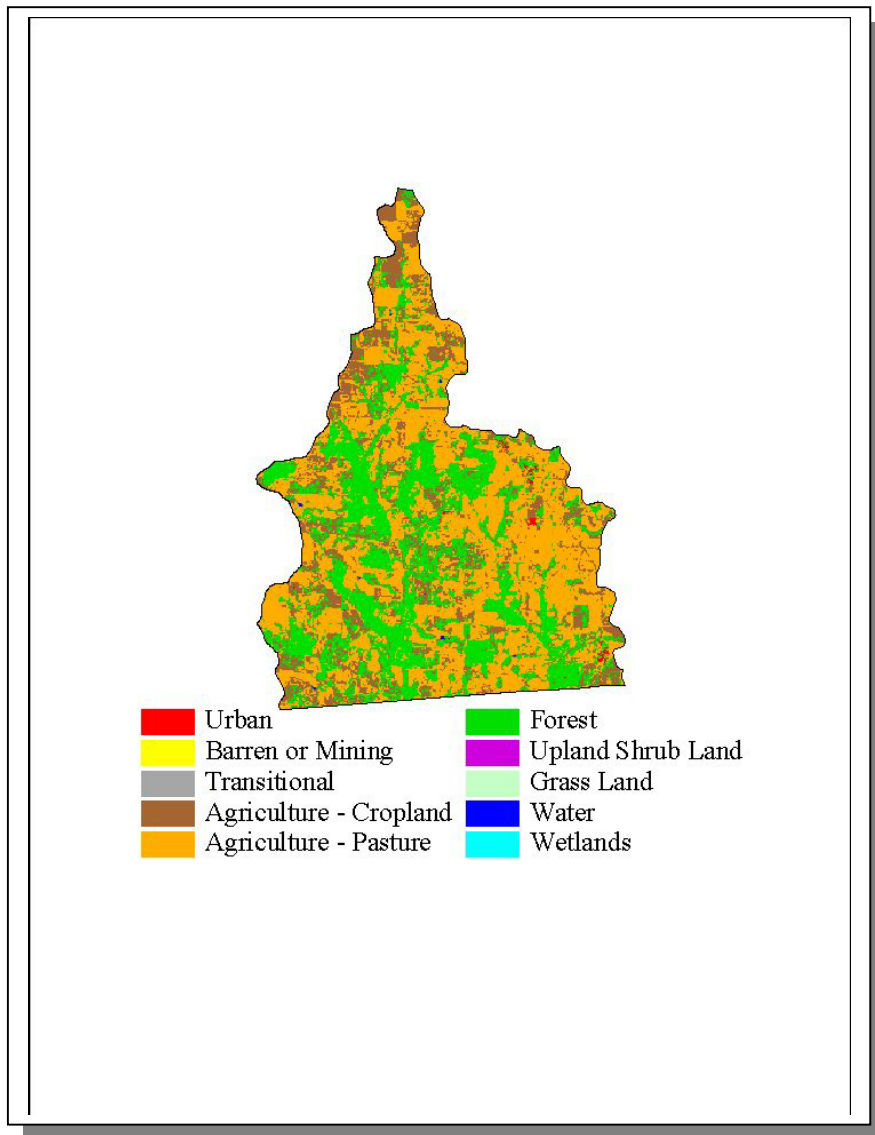


Figure 4-27. Illustration of Land Use Distribution in Subwatershed 0603000209.

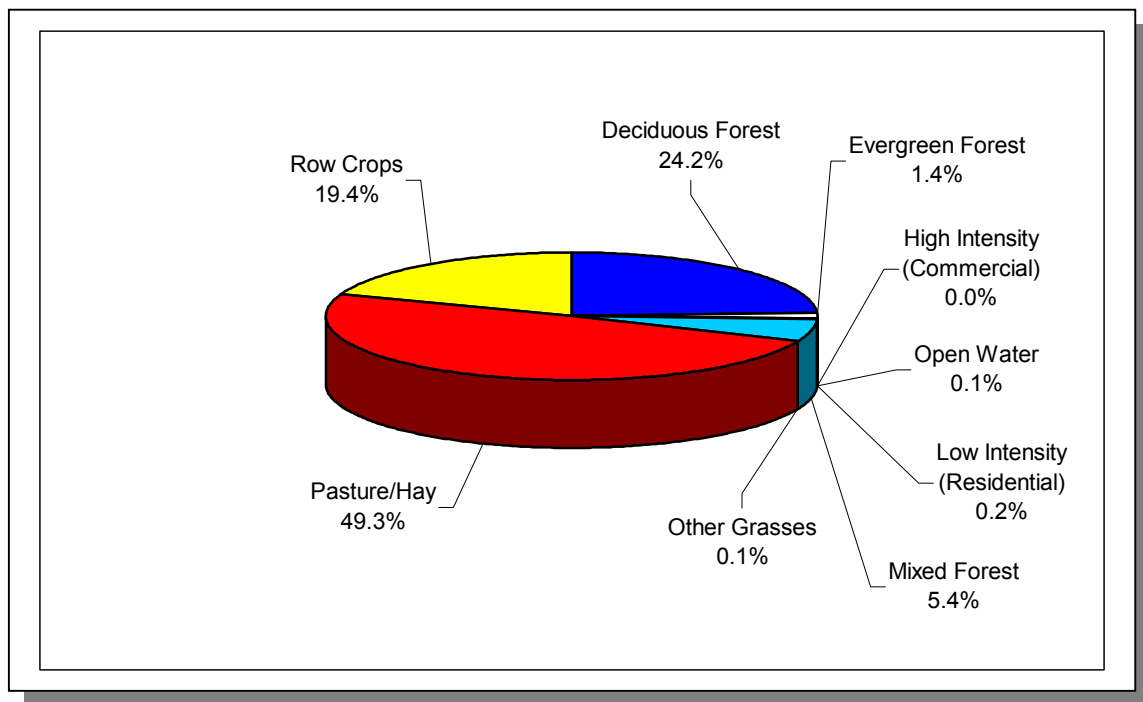


Figure 4-28. Land Use Distribution in Tennessee Portion of Subwatershed 0603000209.
More information is provided in Wheeler-Appendix IV.

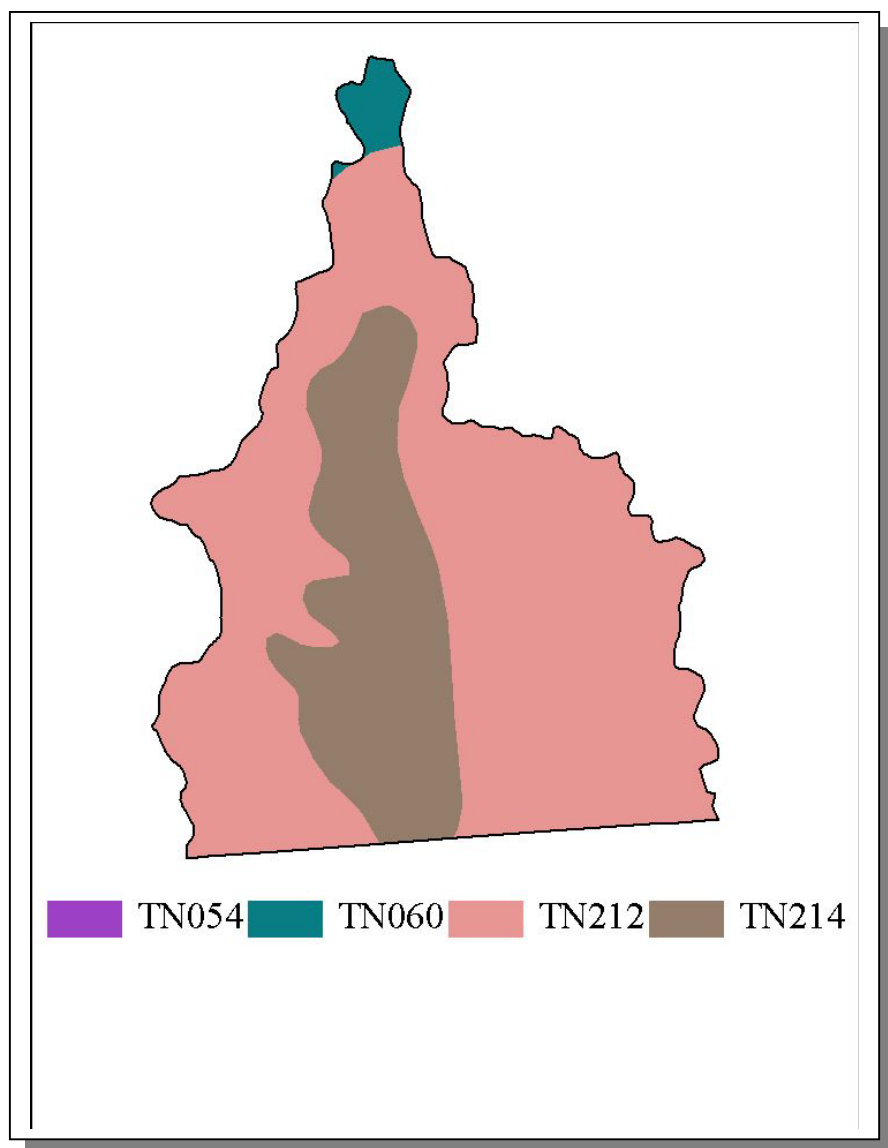


Figure 4-29. STATSGO (State Soil Geographic Database) Soil Map Units in Tennessee Portion of Subwatershed 0603000209.

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hr)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN054	0.00	C	3.04	4.84	Loam	0.32
TN060	5.00	B	1.30	5.32	Silty Loam	0.39
TN212	4.00	B	1.95	5.04	Silty Loam	0.38
TN214	0.00	B	2.52	4.86	Loam	0.32

Table 4-24. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Tennessee Portion of Subwatershed 0603000209. More information is provided in Wheeler-Appendix IV.

	COUNTY POPULATION			ESTIMATED POPULATION IN WATERSHED		PERCENT CHANGE
	1990	1997 Est.	Portion of Watershed (%)	1990	1997	
County						
Lawrence	35,303	39,095	2.81	992	1,099	10.8

Table 4-25. Population Estimates in Tennessee Portion of Subwatershed 0603000209.

4.2.E.ii. Point Source Contributions.

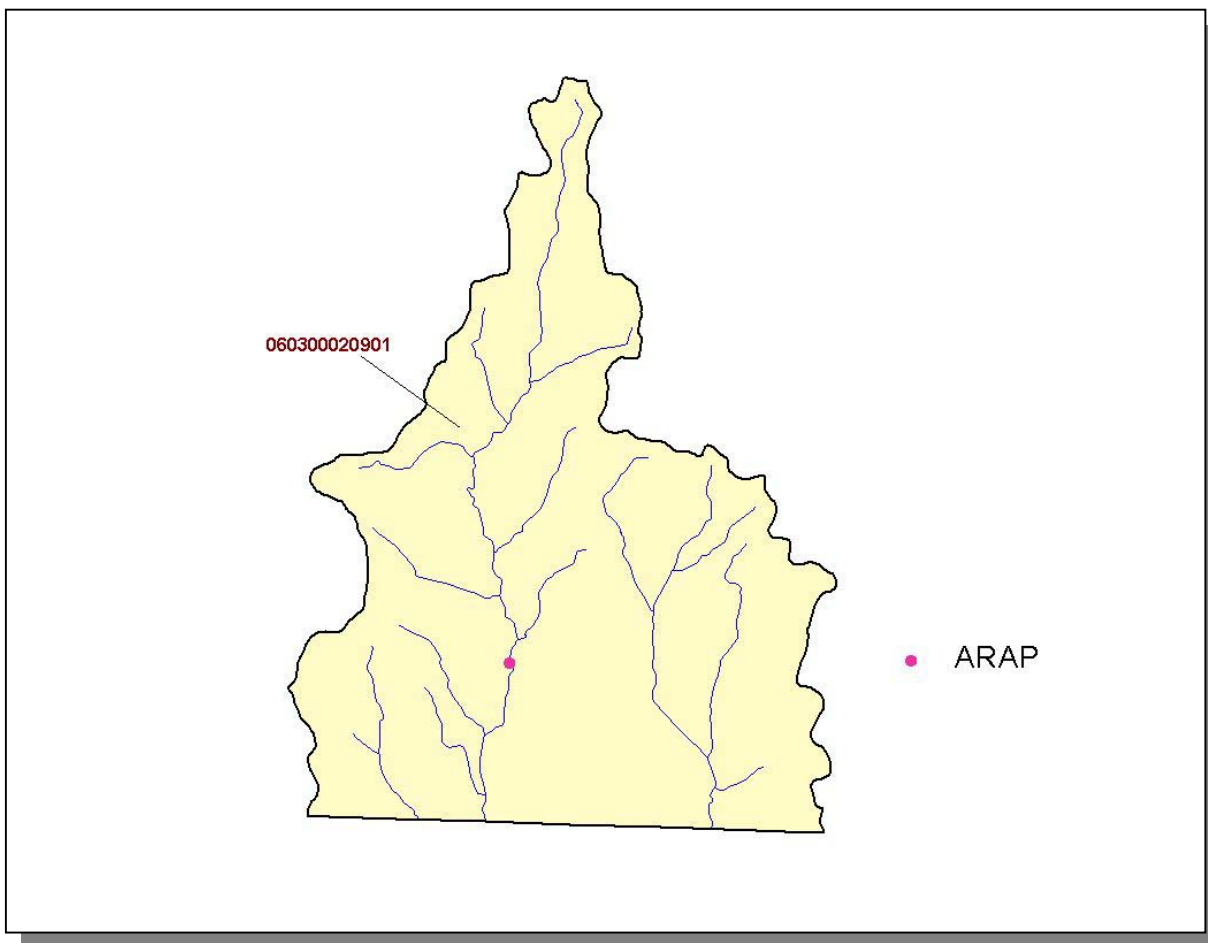


Figure 4-30. Location of Active Point Source Facilities in Tennessee Portion of Subwatershed 0603000209. Subwatershed 060300020901 boundary is shown for reference. More information is provided in the following charts.

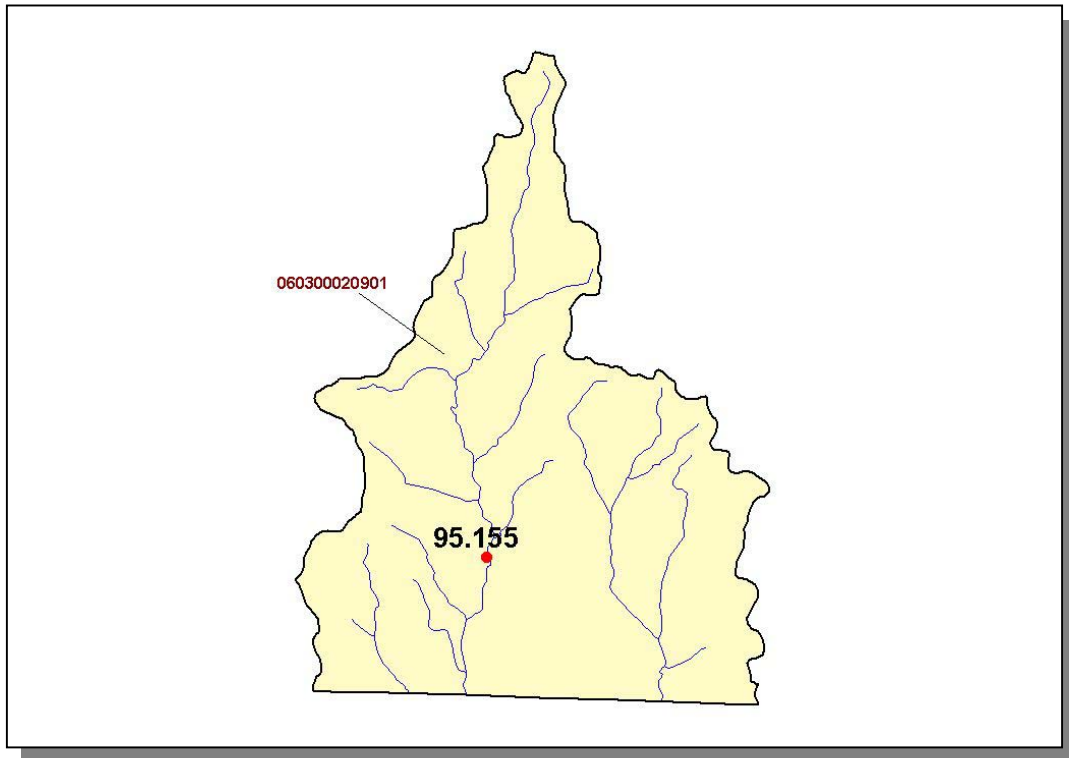


Figure 4-31. Location of ARAP Sites (Individual Permits) in Tennessee Portion of Subwatershed 0603000209. Subwatershed 060300020901 boundary is shown for reference. More information is provided in Wheeler-Appendix IV.

4.2.E.iii. Nonpoint Source Contributions.

LIVESTOCK (COUNTS)						
Beef Cow	Milk Cow	Cattle	Chickens	Chickens Sold	Hogs	Sheep
3,430	364	6,671	10	42,546	987	31

Table 4-26. Summary of Livestock Count Estimates in Tennessee Portion of Subwatershed 0603000209. According to the 1997 Census of Agriculture (<http://www.nass.usda.gov/census/>), "Cattle" includes heifers, heifer calves, steers, bulls and bull calves; "Chickens" are layers 20 weeks and older; "Chickens Sold" are all chickens used to produce meat.

	INVENTORY		REMOVAL RATE	
County	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
Lawrence	199.8	199.8	6.6	27.1

Table 4-27. Forest Acreage and Annual Removal Rates (1987-1994) in Tennessee Portion of Subwatershed 0603000209.

CROPS	TONS/ACRE/YEAR
Grass (Pastureland)	0.24
Grass, Forbs, Legumes (Mixed Pasture)	0.11
Grass (Hayland)	0.19
Legume/Grass (Hayland)	0.64
Forest Land (Grazed)	0.00
Forest Land (Not Grazed)	0.00
Soybeans (Row Crops)	28.85
Corn (Row Crops)	5.41
Cotton (Row Crops)	8.07
Wheat (Close Grown Cropland)	14.15
All Other Close Grown Cropland	1.80
Conservation Reserve Program Land	0.90
Other Cropland not Planted	13.55
Farmsteads and Ranch Headquarters	6.47
Non Agricultural Land Use	0.00

Table 4-28. Annual Estimated Soil Loss in Tennessee Portion of Subwatershed 0603000209.